

32092-PCT-USA-1 071800.0133

IN THE CLAIMS:

16. (Amended) An isolated biologically pure culture of a microorganism that it is able to utilize cyclopentene derivatives selected from the group of derivatives of the general formula:



in which R^1 denotes C_1 - C_4 -alkyl, C_1 - C_4 alkoxy, aryl or aryloxy, as sole nitrogen source, as sole carbon source, as sole carbon source or as sole carbon and nitrogen source, and enzyme extracts therefrom.

17. (Amended) The microorganism and extract according to Claim 16, in which the microorganism is selected from the genera *Rhodococcus*, *Gordona*, *Arthrobacter*, *Alcaligenes*, *Bacillus*, or *Pseudomonas*.

18. (Amended) The microorganism and extract according to Claim 16 or 17, in which the microorganisms are selected from the species *Alcaligenes/Bordetella* FB 188 (DSM 11172), *Rhodococcus erythropolis* CB 101 (DSM 10686), *Arthrobacter* sp. HSZ 5 (DSM 10328), *Rhodococcus* sp. FB 387 (DSM 11291), *Alcaligenes xylosoxydans* ssp. *denitrificans* HSZ 17 (DSM 10329), or *Gordona* sp. CB 100 (DSM 10687), and functionally equivalent variants and mutants thereof.